

SUPPLIER			ELCO LABORATORIES, INC.		4 ~ EXTREME 3 ~ HIGH 2 ~ MODERATE 1 ~ SLIGHT 0 ~ INSIGNIFICANT	FIRE	0				
ADDRESS								2545 Palmer Avenue, University Park, Illinois 60466		TOXICITY	1
TELEPHONE	Medical Emergencies:		Poisindex Information System					REACTIVITY	0		
	24 Hour Transportation Emergency Response:		1 (800) 255-3924								
	Transportation Information and Product Information:		1 (708) 534-3000								

MATERIAL SAFETY DATA SHEET

TRADE NAME (On Label)		HOOVER STEAMVAC CARPET & UPHOLSTERY DETERGENT		FORMULA I.D. NUMBER	#112-58A
PRODUCT TYPE	Carpet Cleaner	CHEMICAL FORMULA	Solution	CHEMICAL NAME OR SYNONYM	N/A

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

SECTION I - COMPOSITION

COMPONENT	CAS REG NO.	APPROX. % WT.	OSHA TLV	ACGIH TLV
Alcohols, C12-14, ethoxylated propoxylated	68439-51-0	1% - 2%	N/E	N/E

SECTION II - PHYSICAL PROPERTIES

APPEARANCE - ODOR	Hazy straw yellow liquid, citrus odor			pH	9.6 - 10	VISCOSITY (Cps.)	10-15
FREEZING POINT (°F)	30-32	BOILING POINT (°F)	212	VAPOR PRESSURE (mm Hg)	as with water	VAPOR DENSITY (AIR = 1)	>
SOLUBILITY IN WATER	Soluble in all ratios	VOLATILE (% WT.)	95.0 - 96.0	SPECIFIC GRAVITY (g/ml)	1.0170 - 1.0230	EVAP. RATE (Butyl Acetate = 1)	<

SECTION III - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F)	Not Flammable		AUTO IGNITION (°F)	N/A	LOWER EXPLOSION LIMIT (%)	N/A	UPPER EXPLOSION LIMIT (%)	N/A
EXTINGUISHING MEDIUM	<input type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input type="checkbox"/> DRY CHEM. <input checked="" type="checkbox"/> WATER <input type="checkbox"/> OTHER							
SPECIAL FIRE FIGHTING PROCEDURES	This product is not flammable nor does it support combustion of flammable materials.							
UNUSUAL FIRE AND EXPLOSION HAZARDS	None has been established.							

SECTION IV - HEALTH HAZARD

THRESHOLD LIMIT VALUES	<input type="checkbox"/> ACGIH <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE ESTABLISHED			
PRIMARY ROUTES OF EXPOSURE	<input checked="" type="checkbox"/> EYE <input checked="" type="checkbox"/> SKIN <input type="checkbox"/> ORAL <input type="checkbox"/> INHALATION			
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS	<input type="checkbox"/> NIP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE			
EFFECTS OF OVEREXPOSURE	If in contact with eyes, it will cause discomfort. It may cause skin irritation if it is in prolonged contact with skin. It can cause gastrointestinal irritation and nausea, if taken internally.			

SECTION IV - HEALTH HAZARD CONTINUED

EMERGENCY AND FIRST AID PROCEDURES	
IF IN EYES:	Immediately flush with water for 15 minutes, lifting the upper and lower lids to facilitate cleaning. Consult a physician if irritation continues. Wash with soap and water. Remove and wash contaminated clothing to reduce prolonged contact with skin. Drink 1-2 glasses of water or milk. Consult a physician.
IF ON SKIN:	
IF SWALLOWED:	

SECTION V - REACTIVITY

STABILITY		CONDITIONS TO AVOID
<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	None known
HAZARDOUS DECOMPOSITION PRODUCTS		
Carbon monoxide and other non-identified carbon by-products may be formed upon pyrolysis.		
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID
<input type="checkbox"/> MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	N/A
INCOMPATIBILITY		MATERIALS TO AVOID
<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> OTHER	None are known

SECTION VI - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
For SMALL SPILLS: Flush the area with water and dispose of it in the sanitary drain system.
For LARGE SPILLS: Absorb the material in earth, saw dust, sweeping compounds, etc. Collect in non-leaking containers and wash the area. Dispose of it in accordance with local, state, and federal regulations.
WASTE DISPOSAL METHODS
If intended to be discarded as is, deposit it in landfill observing applicable local, state, and federal regulations.

SECTION VII - SPECIAL PROTECTION

VENTILATION TYPE	Mechanical ventilation will be sufficient where the vapors of this product are noticeable.	
RESPIRATORY PROTECTION	Optional	
PROTECTIVE GLOVES	Rubber (Optional)	EYE PROTECTION
		You may use splash goggles if eye contact may reasonably be expected to occur
OTHER PROTECTIVE EQUIPMENT	None needed for normal use.	

SECTION VIII - STORAGE AND HANDLING

Use this product with adequate ventilation. Do not transfer this product to unmarked containers.
--

SECTION IX - SHIPPING

PROPER SHIPPING NAME:	Liquid Cleaner
U.S. DOT HAZARD CLASS:	Not Regulated
U.S. DOT I.D. No.:	N/A
LABEL REQUIREMENTS:	None

SECTION X - MISCELLANEOUS

If product is swallowed and spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.		
ABBREVIATIONS:	N/A : NOT APPLICABLE N/D : NOT DETERMINED N/E : NOT ESTABLISHED	UNK : UNKNOWN < : LESS THAN > : GREATER THAN
PREPARED BY	DATE	SUPersedes
Rod Daniels	August 7, 2002	June 19, 2002